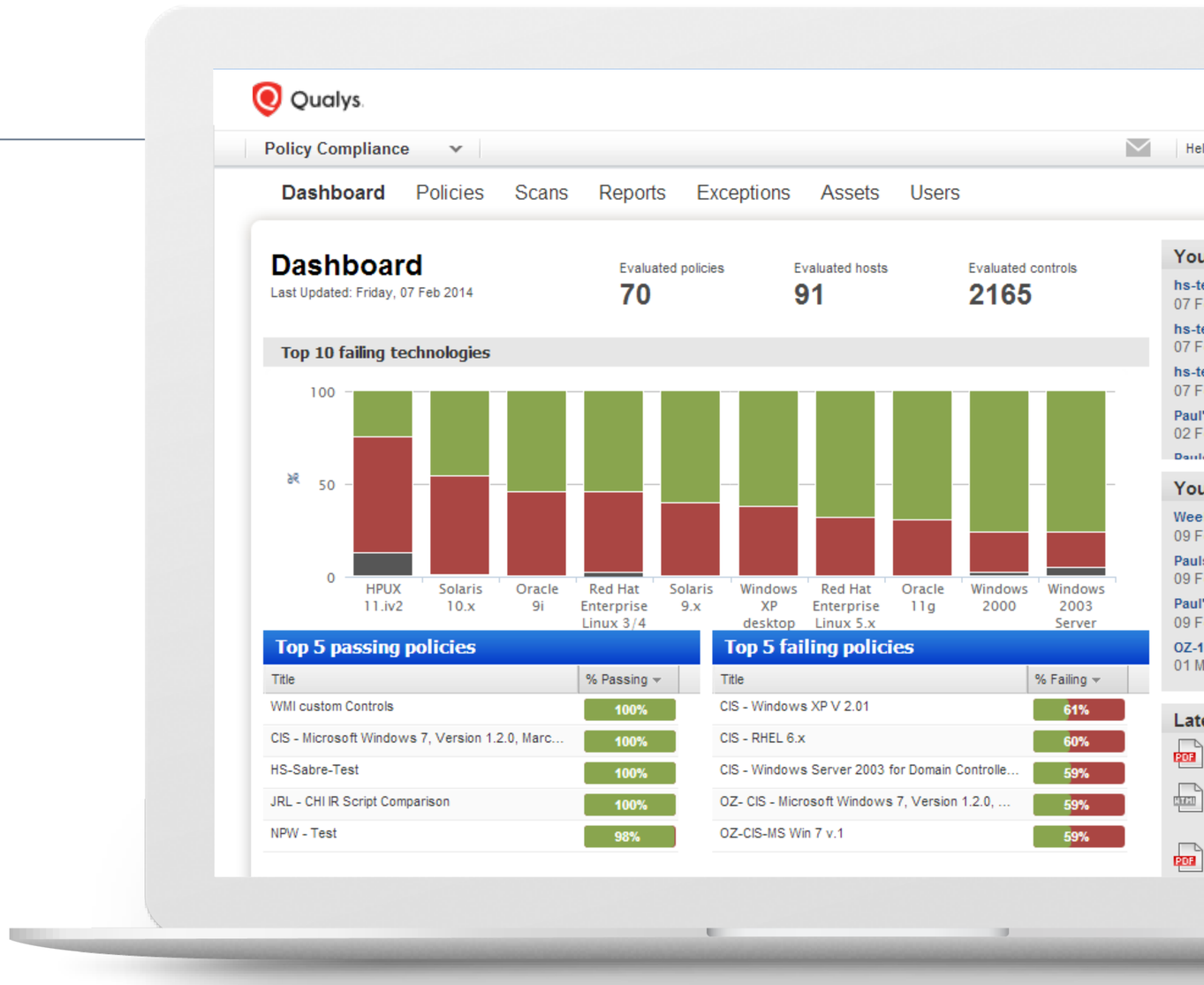
Policy Compliance

Assess security configurations of IT systems throughout your network.



Qualys Policy Compliance (PC) is a cloud service that performs automated security configuration assessments on your IT systems, whether they're on-premises, remote, or in the cloud. It helps you to reduce risk and continuously comply with internal policies and external regulations

Built on the world's leading cloud-based security and compliance platform, Qualys PC frees you from the substantial cost, resource and deployment issues associated with traditional software products. Known for its fast deployment, ease of use, unparalleled scalability, and rich integration with enterprise GRC systems, Qualys PC is relied upon by leading companies around the world.

Key Features

Define policies

With PC, you can leverage out-of-the-box library content to fast-track your compliance assessments using industry-recommended best practices such as CIS Benchmarks and DISA STIGs, which you can fully customize to meet your organization's unique needs. You can also build fully custom baseline standards from scratch or from a "golden image" system, to align directly with internal standards across the broad list of supported technologies ranging from operating systems and applications to network devices.

Inform

You can customize and deliver comprehensive reports to document progress for business executives, risk managers, auditors and other IT and Information Security stakeholders. With mandate-based reporting, you can easily see how you compare against requirements in a variety of overlapping regulatory or industry-required control objectives without having to rescan your systems.

Assess and remediate

By automating the evaluation of requirements against standards, you can efficiently detect, prioritize and track remediation of configuration issues across your environment. With compliance management workflow, you can easily keep track of exceptions and demonstrate a repeatable and auditable compliance management process that maintains the focus on resolving the most critical issues first.

Specify controls

The extensive control library provides coverage of the most commonly used operating systems, network devices, databases and other server applications in use today. It provides the depth you need to assess critical security controls and can be extended using flexible user-defined controls to meet any organization's unique needs. You can easily build and test controls and policies with the centralized web-based UI before you use them in your environment and then find systems quickly that are failing important controls.

Qualys PC is a next-generation cloud solution for continuous risk reduction and compliance with internal policies and external regulations. Its capabilities are powered by the Qualys Cloud Platform.

Benefits

Lower costs and complexity

Allows you to scan more systems, with less effort, and without the overhead of an on-premises solution because it shares configuration data with Qualys VM and is delivered via the cloud.

Accurate, prioritized results

Finds and prioritizes configuration lapses to help you achieve, document, and remain continuously in compliance.

Flexible and extensible

Integrates into your processes by sharing configuration data with your VM program, GRC applications, and ticketing and help desk systems, allowing you to centralize information and assign tasks.

Instant, comprehensive compliance visibility

Displays security configuration issues accurately and in one place, so you have continuous visibility of your security risk posture.

> *"The solution we had in place could not scale to our growing requirements. We spent more time managing agents than in managing our compliance. Qualys was easy to use, easy to deploy and allows us to focus on what we do best, which is manage risk."*
>
> Global IT Security Manager,
> Large Financing Company

Interactively set up IT standards for hardening configurations and complying with relevant regulations

Organizations often overlook improperly configured IT assets, underestimating their security and compliance risks. In fact, misconfigurations such as default passwords, improper access control settings, weak encryption configuration, or insecure application deployment are a major vector for breaches. Qualys PC automates the process of assessing security configurations, starting with configuring policies.

Define configuration policies required for different environments and assets
Specify baseline standards required for different sets of hosts in the centralized and interactive Qualys console. Hosts that are discovered and categorized by business functions in Qualys VM can have hardening policies assessed in Qualys PC.

Use a previously scanned host as a "golden image"
Create policies based on a previously scanned host in minutes. Select controls and Qualys can set expected values to match the master machine's configured settings.

Draw from a built-in library of extensively used policies certified by CIS
Tap the Qualys library of built-in policies to comply with common security standards and regulations. Qualys provides a wide range of policies ranging from CIS to DISA STIG, and others based on vendor requirements and industry-recommended security guidelines.

Use SCAP content streams
Import Security Content Automation Protocol (SCAP) source datastream content to define policies. This simplifies verifying devices for compliance with standards such as the US Government Configuration Baseline (USGCB).

Create custom policies via an interactive web-based editor
Add your own policies with an easy to use web-based policy editor with support for common compliance management workflows. Choose which technologies to cover and organize relevant controls into sections to mirror your internal written requirements. Each control can reference external standards as well, so that automated policies match up with requirements documents.

Leverage custom controls in library policies
Library policies provided by Qualys can be customized to meet your needs, whether strengthening a handful of control requirements or building a comprehensive technical standard. Qualys' control library provides coverage of the most common critical security control objectives out-of-the-box, however, x flexible user-defined controls enables customers to extend the library to cover custom applications and other settings that are unique to their environment.

Select host and app settings to check for each policy

Qualys PC's control library is organized by the technologies and control objectives covered. You can search to find relevant controls easily by keyword, control objective and more as you build custom standards for your organization.

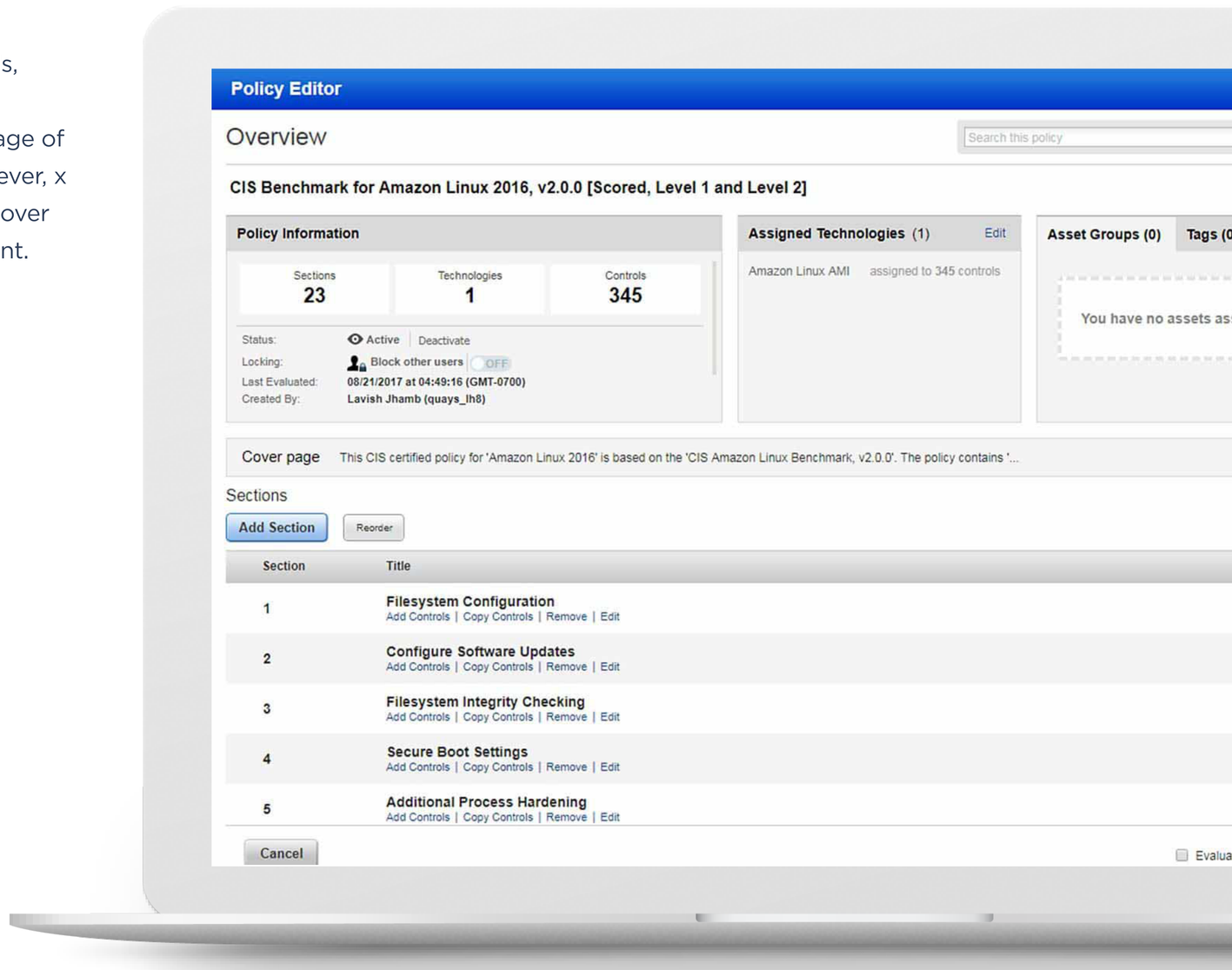
Test controls immediately without rescanning or reporting
While setting up a control within Qualys, you can quickly test the specified configuration to save time during the policy management lifecycle. Qualys gives you a list of relevant hosts to choose from and shows you the data and resulting check outcome.

Select from a rich library of controls for operating systems, network devices, databases and server applications
Qualys' extensive and continually updated library of over 40,000 controls spans more than a hundred versions of common OS, network, database and server applications.

Create custom controls without writing code or scripts
Easily extend the Qualys controls without complex programming to meet unique internal needs and to assess custom applications on supported operating systems. Examples of the many user-defined controls include file and directory attributes/ permissions, Windows registry and Share permissions, Windows WMI queries, UNIX/LINUX file content search, and many more.

See how controls relate to critical frameworks and regulations
Qualys provides context information for each built-in control such as the standards frameworks to which the control applies, including: PCI, CIS, ISO 27001, NIST SP800-53, HIPAA, FFIEC, NERC-CIP, and DISA STIGs.

Manage publishing of policies
You can activate or deactivate policies as you develop the required control settings for your organization. Inactive policies will not be scanned or reported on. You may want to hide a new policy while it is being developed and then publish it at a later time.


Policy Editor
Overview
Search this policy
CIS Benchmark for Amazon Linux 2016, v2.0.0 [Scored, Level 1 and Level 2]
Policy Information
Sections 23
Technologies 1
Controls 345
Status: Active | Deactivate
Locking: Block other users OFF
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Cover page
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Sections
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1 Filesystem Configuration
Add Controls | Copy Controls | Remove | Edit
2 Configure Software Updates
Add Controls | Copy Controls | Remove | Edit
3 Filesystem Integrity Checking
Add Controls | Copy Controls | Remove | Edit
4 Secure Boot Settings
Add Controls | Copy Controls | Remove | Edit
5 Additional Process Hardening
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Evalua

Fix violations and configuration "drift" early – before audits – and manage exceptions centrally

Qualys PC automates the labor-intensive process of checking settings on each machine in your environment. By helping you identify violations quickly, before they get too far out of hand, Qualys PC makes remediation efforts more predictable and avoids last-minute emergencies during audits.

Manage exceptions via a documented approvals process
By eliminating configuration fire drills, Qualys PC shifts the focus of your efforts to managing exceptions for specific hosts and situations. Qualys provides a documented, repeatable workflow for requesting, evaluating, and approving exceptions. Approvals can be temporary, allowing issues to be automatically revisited after a specified length of time.

Know that audits will show compliance, not uncover violations
Know before the audit whether your IT systems are compliant with mandates. Issues can be resolved early, reducing the chance of a failed IT Security audit. Instead of focusing on individual configuration failures, demonstrate to auditors that continuous and ongoing compliance processes are in place.

Scan and analyze OS and application configurations on each target host

With Qualys PC, you can scan systems anywhere from the same console. You can select target hosts by tag, IP address, asset group or IP range. After an in-depth scan, you can create custom reports with the appropriate level of detail and send them to stakeholders.

Scan quickly and efficiently
Qualys PC works unobtrusively even in even the largest of networks. Use your existing asset groups to select systems to scan. Perform internal network scans in parallel by using multiple appliances to accelerate scanning and prevent network bottlenecks.

Scan behind your firewall securely with Scanner Appliances managed by Qualys
Scan your internal networks seamlessly with physical and virtual Qualys Scanner Appliances. Efficiently monitor internal hosts, network devices, databases, and other assets without opening inbound firewall ports or setting up special VPN connections.

Store configuration information off site with secure audit trails
As a cloud service, Qualys provides a trusted, independent location for securely storing critical configuration information and tamper-resistant audit trails.

Scan on demand or on a schedule
Qualys gives you the flexibility to scan whenever you want. You can launch scans with a click or schedule recurring scans during your maintenance windows.

Perform deep assessments with authentication scans
Qualys can securely use authentication credentials to log in to each host, database, or web server. For added control, Qualys can pull passwords at the time of use from 3rd-party credential management systems (authentication vaults) and use privilege escalation systems such as “sudo”.

Continuously assess compliance with Qualys Cloud Agents
Turn Qualys PC into a real-time compliance assessment solution with the groundbreaking Qualys Cloud Agents. These lightweight agents are always up to date and require no credential management or complex remote access through the firewall. They monitor assets around the clock, and report on those systems even when they are offline.

Customize comprehensive reports to document progress

It’s essential to collect and analyze compliance data in order to evaluate and fine-tune IT security controls. Qualys PC provides comprehensive compliance data so you can prioritize remediation and track metrics for all different stakeholders, including IT, business executives, risk managers and auditors.

Report anytime, any way – without rescanning
Qualys tracks configuration data across hosts and assesses the required values in the cloud so you can scan once and view compliance from the point of view of multiple standards. You can use reports from the library and customize them as needed to better understand the security implications of the settings in your environment. Reports can be generated on demand or scheduled automatically and shared with the appropriate recipients online.

Track compliance metrics across policies, technologies and assets
Qualys helps you consolidate compliance results in different ways for clear and concise presentation to executives. Its graphical scorecard reports allow you to examine multiple policies at once and see how metrics vary. It highlights changes over time, allowing you to track and compare different teams’ progress quickly.

Document that policies are followed and lapses get fixed
Qualys provides a systematic way to document that IT security policies have been defined and implemented. Auditors can quickly see the best practices that are being followed and that violations are being fixed as required.

Create different reports for different audiences
Create custom report templates that communicate the right level of detail in the right way. Present scorecards to executives, connecting security results to business goals. Provide detailed drill-downs to IT teams who are checking into issues.

Enable data-driven risk and compliance management
With Qualys PC, decisions about risk and compliance management can be based on facts rather than assumptions. Qualys PC provides continuously up-to-date views of how system configurations measure up to the organizational requirements and baselines.

Share data with GRC systems and other enterprise applications
Qualys provides valuable data programmatically to other systems. Through a comprehensive set of XML-based APIs, your GRC and other compliance applications can obtain data about each host asset, initiate scans, and perform other compliance tasks.

Generate Mandate-based reports to view compliance posture
Qualys’ library of controls are cross mapped to various regulatory requirements via a control objective library, enabling users to generate mandate-based report reports on compliance policies and mandates by efficiently using already collected data.

View remediation information in reports
Include remediation instructions in compliance reports to make it easy for IT to come into compliance. Detailed evidence data shows the actual value of settings, alongside the expected values so it is clear what needs to be changed to meet the requirements. For user-defined controls, you can define requirements in the control, which are included in reports just like out-of-the-box controls.

Powered by the Qualys Cloud Platform – the revolutionary architecture that powers Qualys' IT security and compliance cloud apps

Sensors that provide continuous visibility

On-premises, at endpoints or in the cloud, the Qualys Cloud Platform sensors are always on, giving you continuous 2-second visibility of all your IT assets. Remotely deployable, centrally managed and self-updating, the sensors come as physical or virtual appliances, or lightweight agents.

All data analyzed in real time

Qualys Cloud Platform provides an end-to-end solution, allowing you to avoid the cost and complexities that come with managing multiple security vendors. The Qualys Cloud Platform automatically gathers and analyzes security and compliance data in a scalable, state-of-the-art backend, and provisioning additional cloud apps is as easy as checking a box.

Respond to threats immediately

With Qualys' Cloud Agent technology, there's no need to schedule scan windows or manage credentials for scanning. And Qualys Continuous Monitoring service lets you proactively address potential threats whenever new vulnerabilities appear, with real-time alerts to notify you immediately.

See the results in one place, anytime, anywhere

Qualys Cloud Platform is accessible directly in the browser, no plugins necessary. With an intuitive, single-pane-of-glass user interface for all its apps, it lets you customize dashboards, drill down into details, and generate reports for teammates and auditors.

Cloud Platform Apps

Qualys apps are fully integrated and natively share the data they collect for real-time analysis and correlation. Provisioning another app is as easy as checking a box.

ASSET MANAGEMENT

- AI — Asset Inventory
- SYN — CMDB Sync

IT SECURITY

- VM — Vulnerability Management
- TP — Threat Protection
- CM — Continuous Monitoring
- IOC — Indication of Compromise
- CS — Container Security

WEB APP SECURITY

- WAS — Web App Scanning
- WAF — Web App Firewall

COMPLIANCE MONITORING

- PC — Policy Compliance
- PCI — PCI Compliance
- FIM — File Integrity Monitoring
- SCA — Security Configuration Assessment
- CSA — Cloud Security Assessment
- SAQ — Security Assessment Questionnaire

Request a full trial (unlimited-scope) at qualys.com/trial

Qualys is easy to implement, easy to use, fully scalable – and require NO infrastructure or software to maintain.

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